

REMARKS

Claims 1-28 remain pending in this application. Each of the pending claims is believed to define an invention that is novel and unobvious over the cited references. Favorable reconsideration of this case is respectfully requested.

In response to the objection to the abstract, a new abstract is submitted herewith on a separate sheet. Accordingly, the withdrawal of the objection to the abstract is respectfully requested.

Claims 12-19 and 25-28 have been rejected under 35 U.S.C. 101 as being directed to non-statutory subject matter. The specification has been amended to eliminate the propagated signals and carrier waves from the definition of machine readable medium. Consequently, although the applicant disagrees with the rejection, the withdrawal of the rejection in view of the amendment is respectfully requested.

Claims 1-28 have been rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent Application Publication 2002/000745 to Traw et al. Traw does not anticipate the claimed invention as it does not disclose, among other things, using an identity of a first device established via a first physical communication link for authentication of communication sent from the first device via a second physical communication link.

As recited in claim 1, an identity of a first device 102 is established by transmitting and receiving data with a second device 103 via a first physical communication link 106. The physical communication link is the physical medium used for communication between the first device 102 and the second device 103. The physical communication link may include, for example, wire, wireless, optical, or other communication links as described in paragraph 14 of the present application.

Once the identity of the first device is established, that identity is used for communication from the first device 102 to the second device 103 via a second physical

communication link 107 which is separate from the first physical communication link. For example, in an embodiment of the invention, the first communication link may be a local area network and the second communication link may be wireless internet connection using the IEEE 802.11 standard.

In comparison, Traw only discloses communication via a single communication link. Various software constructs, referred to in Traw as "channels", may be used for communication over that single communication link. For example, as shown in Figure 8 of Traw, a single communication link 804 is used to connect the devices, please see paragraph 131 of Traw. Additionally, other portions of Traw make it clear that there is a single communications link, with various channels used within that communications link. For example, paragraph 105 of Traw describes that the device A and B are connected to a communications link. Paragraph 112 of Traw describes that the communication link may be a IEEE 8394 (firewire). Please also see paragraph 136-139 of Traw et al. Thus, Traw et al. recognizes that the communication link and the channels are distinct items from each other. The devices A and B described in Traw are only contemplated as communicating with each other via a single communications link. There is no description of Traw et al. of the devices being able to communicate with each other via more than one communication link and then using the identity established over a first one of the communications links for communication between the same devices over a second communications link. Traw et al. only describes a single communication link. Multiple software constructs, such as the channels of Traw, may be used for communication over that single communication link. However, this is not the claimed invention.

In view of the above, it is respectfully submitted that the cited reference does not teach each and every element recited in the claims as is required by 35 U.S.C. 102(b). Therefore, the withdrawal of this rejection is respectfully requested.

In view of the above, early issuance of a Notice of Allowance is respectfully requested.

If the Examiner is of the opinion that the prosecution of this application would be advanced by a personal interview, the Examiner is invited to telephone undersigned counsel to arranged for such an interview.

The Commissioner is authorized to charge any fee necessitated by this Amendment to our Deposit Account No. 22-0261.

In view of the above amendment, applicant believes the pending application is in condition for allowance.

Dated:

Respectfully submitted,

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